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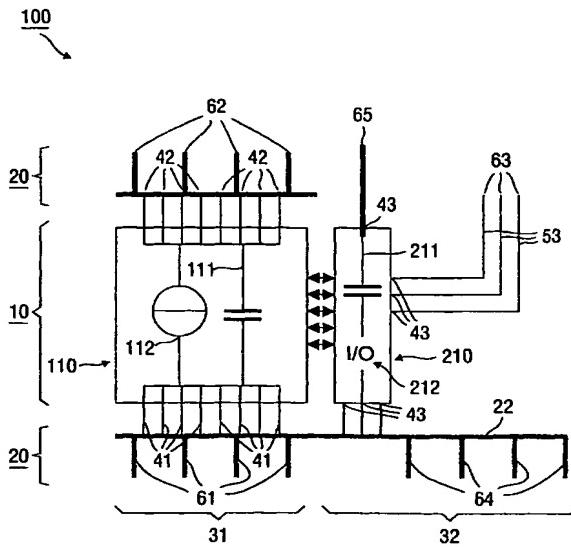
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[Continued on next page]

(54) Title: ELECTRONIC DEVICE AND CARRIER SUBSTRATE FOR SAME



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(57) Abstract: The electronic device (100) comprises an integrated circuit (10) and a carrier substrate (20) with a bottom and top conductive layer, and is provided with voltage supply, ground and signal transmission connections. In order to enable the use of more than one supply voltage, the integrated circuit (10) is subdivided into core functionality (110) and peripheral functionality (210), and the carrier substrate (20) is subdivided into a corresponding core area (31) and peripheral area (32). The ground connections of both core and periphery are mutually coupled through an interconnect (22) in the carrier substrate (20). This interconnect is particularly a ground plane, and allows the provision of a transmission line character to the interconnects for signal transmission of the periphery.



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